

## **CLOSED-LOOP MOSQUITO INSECTICIDE DELIVERY SYSTEM AND METHOD**

### **Abstract of the Disclosure**

A mobile, real-time, closed-loop system and method for delivering an aerosol insecticide spray to a treatment area during a treatment period of time employs a prime mover having a spray nozzle through which an air volume is produced in order to entrain insecticide as particles in an airstream passing out of the nozzle. A particle size detector, weather centers and an electronic controller are used to regulate the amount of insecticide and particle size dependent upon speed of the prime mover and weather conditions at the treatment area.